

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in this application.

1. – 100. (Canceled)

101. (New) A method of screening for a cocrystal of a hydrochloric acid salt of an active agent, comprising the steps of:

selecting a carboxylic acid having at least 4 carbons to coordinate via hydrogen bonding with the chloride anion of the hydrochloric acid salt of the active agent,

preparing a solution, melt, or physical mixture of the hydrochloric acid salt of the active agent and the carboxylic acid,

subjecting the solution or melt to a crystallization process, or the physical mixture to grinding, and

determining whether a cocrystal of the hydrochloric acid salt of the active agent and the carboxylic acid has formed.

102. (New) The method of claim 101 wherein the carboxylic acid having at least 4 carbons is selected from benzoic acid, succinic acid, and fumaric acid.

103. (New) The method of claim 101 wherein the active agent is an active pharmaceutical ingredient.

104. (New) The method of claim 101 wherein the active agent is a nitrogen containing base.

105. (New) The method of claim 104 wherein the nitrogen containing base is a tertiary amine.

106. (New) The method of claim 104 wherein the nitrogen containing base is a secondary amine.

107. (New) The method of claim 104 wherein the nitrogen containing base is a primary amine.

108. (New) The method of claim 101 wherein x-ray diffraction is used to determine whether a cocrystal of the hydrochloric acid salt of the active agent and the carboxylic acid has formed.

109. (New) The method of claim 101 wherein the preparing step comprises preparing a solution of the hydrochloric acid salt of the active agent and the carboxylic acid.

110. (New) The method of claim 101 wherein the preparing step comprises preparing a melt of the hydrochloric acid salt of the active agent and the carboxylic acid.

111. (New) The method of claim 101 wherein the preparing step comprises preparing a physical mixture of the hydrochloric acid salt of the active agent and the carboxylic acid.